

PATENT  
Customer No. 22,852  
Attorney Docket No. 9140.0014-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)
	)
DEMARAY, Richard E. et al.	) Group Art Unit: 1731
	)
Application No.: 09/903,081	) Examiner: HOFFMAN, John M.
	)
Filed: July 10, 2001	) Confirmation No.: 1225
	)
For: AS-DEPOSITED PLANAR OPTICAL	)
WAVEGUIDES WITH LOW SCATTERING	)
LOSS AND METHODS FOR THEIR	)
MANUFACTURE	)

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**NINTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance. Under the provisions of 37 C.F.R. § 1.97(c), The Commissioner is hereby authorized to charge the fee of \$180.00 to Deposit Account No. 06-0916.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 19, 2007

By: 

Gary J. Edwards

Reg. No. 41,008

<b>EXPRESS MAIL LABEL NO.</b> <b>EV 977728608 US</b>
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/903,081
				Filing Date	July 10, 2001
				First Named Inventor	DEMARAY, Richard E.
				Art Unit	1731
				Examiner Name	HOFFMAN, John M.
Sheet	1	of	1	Attorney Docket Number	9140.0014-00

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2002/0191916 A1	12-19-2002	Frish et al.	
		US-2005/0175287 A1	08-11-2005	Pan et al.	

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

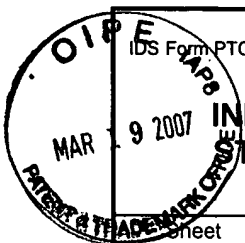
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		KR 2003-0088236	11-19-2003	Hyundai Motor Co Ltd		Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		Office Action dated December 1, 2006, in U.S. Application No. 11/100,856 (Attorney Docket No. 9140.0015-01).	
		Response to Office Action dated March 1, 2007, in U.S. Application No. 11/100,856 (Attorney Docket No. 9140.0015-01).	
		Response to Office Action dated February 6, 2007, in U.S. Application No. 10/101,863 (Attorney Docket No. 9140.0016-00).	
		Response to Office Action dated August 9, 2006 in Application No. 10/954,182 (Attorney Docket No. 9140.0016-01).	
		Office Action dated October 31, 2006, in Application No. 10/954,182 (Attorney Docket No. 9140.0016-01).	
		Response to Office Action dated December 6, 2006, in Application No. 10/954,182 (Attorney Docket No. 9140.0016-01).	
		Office Action dated March 14, 2007, in Application No. 10/954,182 (Attorney Docket No. 9140.0016-01).	
		Supplemental Preliminary Amendment dated February 6, 2007, in U.S. Application No. 11/228,834 (Attorney Docket No. 9140.0016-02).	
		Supplemental Preliminary Amendment dated February 6, 2007, in U.S. Application No. 11/191,643 (Attorney Docket No. 9140.0016-04).	
		Response to Office Action dated February 20, 2007, in U.S. Application No. 10/650,461 (Attorney Docket No. 9140.0025-00).	
		Office Action dated March 6, 2007, in U.S. Application No. 10/650,461 (Attorney Docket No. 9140.0025-00).	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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## Complete if Known

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Filing Date	July 10, 2001
First Named Inventor	DEMARAY, Richard E.
Art Unit	1731
Examiner Name	HOFFMAN, John M.
Attorney Docket Number	9140.0014-00

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		AGRAWAL, G.P., in: Fiber-Optic Communication Systems, 2nd Edition, John Wiley & Sons, New York, pp. 361-399 and 415 (1997).	
		ALDER, T. et al., "High-Efficiency Fiber-to-Chip Coupling Using Low-Loss Tapered Single-Mode Fiber," IEEE Photonics Tech. Lett. 12(8):1016-1018 (August 2000).	
		BORSELLA, E. et al., "Structural incorporation of silver in soda-lime glass by the ion-exchange process: A photoluminescence spectroscopy study," Applied Physics A 71:125-132 (January 7, 2000).	
		BYER, R.L., "Nonlinear Optics and Solid-state Lasers: 2000," IEEE J. Selected Topics in Quantum Electronics 6(6):911-930 (November/December 2000).	
		JOHNSON, J.E. et al., "Monolithically Integrated Semiconductor Optical Amplifier and Electroabsorption Modulator with Dual-Waveguide Spot-Size Converter Input," IEEE J. Selected Topics in Quantum Electronics 6(1):19-25 (January/February 2000).	
		KATO, K. & INOUE, Y., "Recent progress on PLC hybrid integration," SPIE 3631:28-36 (1999).	
		PAN, T. et al., "Planar Er3+-doped aluminosilicate waveguide amplifier with more than 10 dB gain across C-band," Optical Society of America, 3 pages (2000).	
		STROHHOFER, C. & POLMAN, A. "Energy transfer to Er3+ in Ag ion-exchanged glass," FOM Institute for Atomic & Molecular Physics, 10 pages (2001).	
		TREICHEL, O. & KIRCHHOFF, V., "The influence of pulsed magnetron sputtering on topography & crystallinity of TiO2 films on glass," Surface & Coatings Technology 123:268-272 (September 19, 1999).	



Examiner Signature		Date Considered	
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